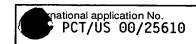


(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PT-1087 PCT	FOR FURTHER see Notification of (Form PCT/ISA/2	of Transmittal of International Search Report 220) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US 00/25610	19/09/2000	28/09/1999
Applicant		25/05/1599
INCYTE GENOMICS, INC.		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	nority and is transmitted to the applicant
This International Search Report consists X It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	report.
Basis of the report		
 a. With regard to the language, the language in which it was filed, unli 	international search was carried out on the bas ess otherwise indicated under this item.	is of the international application in the
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of th	ne international application furnished to this
b. With regard to any nucleotide and was carried out on the basis of the	d/or amino acid sequence disclosed in the in esequence listing: Inal application in written form.	ternational application, the international search
l ==	mai application in written form. rnational application in computer readable forn	1.
	this Authority in written form.	
	this Authority in computer readble form.	
	sequently furnished written sequence listing do	pes not go beyond the disclosure in the
		identical to the written sequence listing has been
2. X Certain claims were four	nd unsearchable (See Box I).	
3. X Unity of invention is lack	sing (see Box II).	
4. With regard to the title,		
the text is approved as sul	omitted by the applicant.	
X the text has been establish	ned by this Authority to read as follows:	
HUMAN SECRETORY MOLECU	LES	
5. With regard to the abstract,		
X the text is approved as sub		
the text has been establish within one month from the	ned, according to Rule 38.2(b), by this Authority date of mailing of this international search repo	as it appears in Box III. The applicant may, ort, submit comments to this Authority.
6. The figure of the drawings to be publis		
as suggested by the applic	ant.	X None of the figures.
because the applicant faile	d to suggest a figure.	<u> </u>
because this figure better of	characterizes the invention.	





Box I Observations where certain claims were found uns archable (Continuation of item 1 first sh et)	
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:	
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:	
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:	
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)	
This International Searching Authority found multiple inventions in this international application, as follows:	
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.	
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.	
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:	
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Claims 1-19 (all partially)	
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	

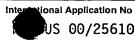
FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Claims: Invention 1, claims 1-19 (all partially)

An isolated polynucleotide selected from the group consisting of a polynucleotide consisting of, or comprising the polynucleotide sequence of SEQ ID NO:1, homologs and variants, complementary polynucleotides, fragments and RNA equivalents of said polynucleotide. A composition for the detection of the expression of secretory polynucleotides comprising a polynucleotide as said, and methods of detecting said polynucleotide. A recombinant polynucleotide comprising a polynucleotide as said, operably linked to a promoter sequence, a cell and a transgenic organism comprising said recombinant polynucleotide, and a method for producing a secretory polypeptide by expressing said recombinant polynucleotide. A purified secretory polypeptide encoded by a polynucleotide comprising the polynucleotide sequence of SEQ ID NO:1, and an antibody binding to said polypeptide. A method of identifying a test compound which binds to said polypeptide. A microarray comprising a polynucleotide comprising at least 60 contiguous nucleotides of a polynucleotide as said, and a method for generating a transcript image using said microarray. A method for screening a compound for effectiveness in altering expression of a polynucleotide as said, and a method for assessing toxicity of a test compound using a probe comprising at least 20 contiguous nucleotide of a polynucleotide as said.

2. Claims: Inventions 2-63, claims 1-19 (all partially)

As invention 1, but concerning SEQ ID NOs 2-63, respectively.



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/12 C07K14/705 C12Q1/68 G01N33/50 A01K67/027 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C07K C12Q G01N A01K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Χ DATABASE EM_EST [Online] 1-19 EMBL ID HSA29735, AC AA029735, 20 August 1996 (1996-08-20) HILLIER L ET AL.: "ze95c03.r1 Soares fetal heart NbHH19W Homo sapiens cDNA cTone IMAGE:366724 5', mRNA sequence." XP002162283 Note: 97.3 % nt sequence identity with SEQ ID NO:1 in 669 nt overlap. the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international

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- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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- document published prior to the international filing date but later than the priority date claimed
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled
- "&" document member of the same patent family

Date of the actual completion of the international search Date of mailing of the international search report

8 March 2001

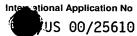
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Authorized officer

van de Kamp, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages X DATABASE EM_EST [Online] EMBL ID AW009420, AC AW009420, 13 September 1999 (1999-09-13) STRAUSBERG R: "ws82d11.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2504469 3', mRNA sequence." XP002162284 Note: 99.6 % nt sequence identity with SEQ	Relevant to claim No.
DATABASE EM_EST [Online] EMBL ID AW009420, AC AW009420, 13 September 1999 (1999-09-13) STRAUSBERG R: "ws82d11.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2504469 3', mRNA sequence." XP002162284	
EMBL ID AW009420, AC AW009420, 13 September 1999 (1999-09-13) STRAUSBERG R: "ws82d11.x1 NCI_CGAP_Co3 Homo sapiens cDNA clone IMAGE:2504469 3', mRNA sequence." XP002162284	1-19
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